



Contract No. 009359	Station Section 1	Mile/Line: I-90	C/S
Staked by SURVEY	Date 8/5/2019	Work Started Date 8/5/2019	Work Completed Date
Calculated by Scott Busby	Date 9/5/2019	Checked by E. Knudson	Inspector Scott Busby
		Date 9/10/2019	Date 9/5/19

**ITEM NO. 12**  
**Section 1 - I-90, MP 33.44 to MP 136.43**  
**BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL**

Est.#6

**Group Number 8**

8/6/2019 - I-90

- Station MP 110.78 R5 Exit 110 off ramp 0.33 LT WB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal
- Station MP 110.78 R5 Exit 110 off ramp 0.66 RT WB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

8/7/2019 - I-90

- Station MP 85.88 Main LT WB - Sheet 4 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal
- Station MP 102.32 Main RT EB - Sheet 4 - Installed Trinity **One EA** Softstop Type 31, **TL3** non-flared guardrail terminal

8/8/2019 - I-90

- Station MP 115.20 P1 Exit 115 off ramp 0.25 RT EB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-2** non-flared guardrail terminal
- Station MP 115.20 P1 Exit 115 off ramp 0.26 LT EB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-2** non-flared guardrail terminal
- Station MP 118.32 Main RT WB - Sheet 2 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

8/9/2019 - I-90

- Station MP 93.29 S1 Exit 93 on ramp 0.24 RT WB - Sheet 3 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

8/22/2019 - I-90

- Station MP 82.20 Main RT EB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

8/29/2019 - I-90

- Station MP 120.08 Main LT EB - Sheet 3 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal
- Station MP 120.89 Main LT EB - Sheet 8 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

8/30/2019 - I-90

- Station MP 136.43 LX Exit 136 0.03 RT - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-2** non-flared guardrail terminal
- Station 136.43 LX Exit 136 0.12 LT - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-2** non-flared guardrail terminal - 4

9/4/2019 - I-90

- Station 119.31 Main RT WB - Sheet 3 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal
- Station 119.82 Main RT WB - Sheet 3 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

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- Station 121.00 Main LT WB - Sheet 8 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal
- Station 121.15 Main LT EB - Sheet 8 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal
- Station 121.61 Main LT WB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-3** non-flared guardrail terminal

Sub Total = **14 EA TL-3 and 4 EA TL-2 = 18 EA** Trinity **One EA** Softstop Type 31 non-flared guardrail terminal

### Group Number 10

8/5/2019 - I-90

- Station MP 109.02 S5 Exit 109 on ramp 0.18 LT WB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-2** non-flared guardrail terminal
- Station MP 109.02 S5 Exit 109 on ramp 0.20 RT WB - Sheet 1 - Installed Trinity **One EA** Softstop Type 31, **TL-2** non-flared guardrail terminal

Sub Total = **2 EA** - 2 TL-2

Total = **14 EA TL-3, plus (2+4) = 6 EA TL-2 = 20 EA** Trinity **One EA** Softstop Type 31 non-flared guardrail terminals

(14\*8) TL-3 = 112 EA Steel Posts + (6\*6) TL-2 = 36 EA Steel Posts => **148** Steel Posts

**Notes:****How Measured: Per Each**

The number of Softstop Type 31, TL-3 and TL-2 non-flared guardrail terminals have been Field Verified

The Wood posts and blocks do not go with these terminal. They use Steel posts as per the terminal design - Wood posts and blocks are used with the W-Beam Type 31

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
012.02	Terminal Softstop TL-3 Guard Rail - Terminals	Trinity Highway Products, LLC	Softstop TL-3	QPL-0004	4105	/ Proprietary item, document that specified product is used
012.03	Beam Guardrail Wood Post and Blocks	Superior Wood Treating		QPL-0005	2550	/ Lumber Grading Stamp or Grading Certificate and Certificate of Treatment. (If Aquatic Envir. Std. Spec. 9-09.3 (1) Applies)

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0012	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	8	9/5/2019	EAC H	18	291	EK	09/11/19			6
0012	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	10	9/5/2019	EAC H	2	292	EK	09/11/19			6

**Attachments**

Things to do 82-2.xlsx  
Microsoft Excel  
Worksheet  
409 KB